

VISIT...

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Name _____

Generalize

- To **generalize** is to make a broad statement or rule that applies to many examples.
- A **valid generalization** is supported by examples and is accurate. A **faulty generalization** is not supported by examples and does not make sense.

Directions Read the examples below and make a generalization.

1. Example: Cassini was the first spacecraft to join Saturn's orbit around the sun.
Example: Cassini studied Saturn's atmosphere.
Example: Cassini sent back wonderful photographs.

Directions Read the generalizations and the supporting examples below. Then decide whether the generalizations are valid or faulty. Explain your answer.

2. Generalization: Galileo did not agree with many astronomers before him.
Example: Galileo questioned Aristotle.
Example: Galileo doubted Ptolemy.
Example: Galileo believed Copernicus's views were correct.

3. Generalization: The moon's surface is generally uneven.
Example: The moon's surface is pitted.
Example: The moon's surface is full of craters.
Example: The moon has valleys and mountains

Name _____

Vocabulary

Directions Choose a word from the box to complete each sentence below.

Check the Words You Know

___astronomers	___brilliant	___coward
___gleamed	___satellites	___shimmering

1. Ancient Romans wondered why moonlight _____ on the water.
2. Galileo was not a _____; he was not afraid to voice his ideas.
3. The _____ stars peeked from behind the fast-moving clouds in the night sky.
4. The most _____ stars in the sky seem closer to Earth.
5. We now know that Saturn's rings are more than a few _____; they are billions of pieces of rock and ice.
6. _____ today know that the solar system is part of a galaxy.

Directions Read the first three words. Choose a word from the box that best fits into each category.

7. bright
radiant
luminous

8. twinkling
sparkling
glittering

9. beamed
glowed
shone
